

CLAIMS

1. (Currently Amended) A method for providing actual scale information of a digital raster image, comprising:

digitizing a paper document using a digitizing device to create a digital raster image;

recording scale information associated with the paper document and ~~the~~ scale information of digitizing device, wherein the scale information includes an original scale of the paper document, a dots per inch (DPI) of the digitizing device, and an original size of the paper drawing;

embedding the scale information in a ~~dedicated~~ tag location of a header of the digital raster image;

storing the digital raster image as a single file, wherein said embedded scale information is embedded in said ~~dedicated~~ tag location of said header of said single file; and

providing a digital image viewer for,
rendering the digital raster image,
receiving drawing input from a user comprising a line or a shape,
calculating a true scale measurement of the drawn line or shape based at least in part on the embedded scale information in said ~~dedicated~~ tag location of said header of said single file, and
presenting the true scale measurement to the user via the viewer.

2-3. (Canceled)

4. (Previously Presented) The method of claim 1, wherein the digital raster image is a TIFF image.

5. (Currently Amended) The method of claim 4, wherein embedding the scale information in a tag location of a header of the digital raster image comprises embedding the scale information in a tag location of a header of the TIFF image.

6. (Currently Amended) A computer-based method for providing true scale information of a digital raster image made from a paper document by a digitizing device, comprising:

receiving a digital raster image, wherein the digital raster image has scale information of the paper document and the scale information of the digitizing device embedded in a ~~dedicated~~ tag location of a header of the digital raster image, wherein the scale information includes an original scale of the paper document, a dots per inch (DPI) of the digitizing device, and an original size of the paper drawing;

rendering the digital raster image;

receiving drawing input from a user comprising a line or shape;

calculating a true scale measurement of the drawn line or shape based at least in part on the scale information embedded in said ~~dedicated~~ tag location of said header of the digital raster image; and

presenting the true scale measurement to the user.

7. (Canceled)

8. (Previously Presented) The method of claim 6, wherein the digital raster image is a TIFF image.

9. (Currently Amended) The method of claim 8, wherein the scale information is embedded in a tag location header of the TIFF image.

10. (Currently Amended) A system for presenting actual scale information of a digital raster image, comprising:

a digitizing device that digitizes a paper document to create a digital raster image, wherein scale information associated with the paper document and the scale information of the digitizing device is recorded and embedded in a ~~dedicated~~ tag location of a header of the digital raster image, wherein the scale information includes an original scale of the paper document, a dots per inch (DPI) of the digitizing device, and an original size of the paper drawing; and

a digital image viewer that receives the digital raster image and:

renders the digital raster image,

receives drawing input from a user comprising a line or shape,

calculates a true scale measurement of the drawn line or shape based at least in part on the scale information embedded in said ~~dedicated~~ tag location of said header of the digital raster image; and

presents the true scale measurement to the user.

11. (Canceled)

12. (Previously Presented) The system of claim 10, further comprising: at least one memory operable to store the digital raster image and the embedded scale information as a single file.

13. (Previously Amended) The system of claim 10, wherein the digital raster image is a TIFF image.

14. (Currently Amended) The system of claim 13, wherein the scale information is embedded in a tag location of a header of the TIFF image.

15-18 (Canceled).